

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 01-Jun-2015

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757

EPA 598

**VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

Mission Assignment No:

BZ761

D.O. Voucher No.BU. Voucher No.Bill No.Paid By Check No.Collection Vou. No.

27073251

Partial # 96 01-May-2015 Thru 01-Jun-2015

**Billed Office (Mail To):**

U S ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W MARTIN LUTHER KING DRIVE  
CINCINNATI OH 45268-7002

**Billing Office (Send Remittance To):**

USACE FINANCE CENTER G5  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

**Billed Accounting Classification**

068 068 X 8145.0000 2007 00 0000 000000000000 00000

**Billing Accounting Classification**

\$162,742.07 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$162,742.07

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$154,370.34
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$2,586.89
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$688.07
1	INHOUSE - LABOR	LABOR		\$5,096.77
<b>Subtotal:</b>				<b>\$162,742.07</b>

**CORPS CERTIFICATION**

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR  
THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT  
REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND  
SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR  
FUNDS AS INDICATED."

299 JUL 2015 *Elizabeth A Franklin*  
DATE SIGNATURE

*Elizabeth A Franklin*  
Project Manager

<b>Total Billed Amount:</b>	<b>\$162,742.07</b>
<b>Less Partial Amount Paid:</b>	<b>\$0.00</b>
<b>Payment Due Date: 01-Jul-2015</b>	<b>Pay This Amount: \$162,742.07</b>

**Funds Authorized:** \$12,100,000.00  
**Total Billed Amount:** \$10,132,272.84  
**Prev Billed Amount:** \$9,969,530.77  
**Current Billed Amount:** \$162,742.07  
**Total Flux Billed:** \$0.00  
**Prev Flux Billed:** \$0.00  
**Current Flux Billed:** \$0.00

**CERTIFICATE OF OFFICE BILLED**

I certify that the above articles were received and accepted or the services performed as stated and  
should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance  
payment requested is approved and should be paid as indicated.

**Date:**

Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ  
IA Number: DW96942125

MONTHLY REPORT FOR MAY 2015

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$12,100,000.00	\$0.00	\$12,100,000.00
Less Total Expenditures: (-)	\$10,132,272.84	\$0.00	\$10,132,272.84
Less Undelivered Orders: (-)	\$1,709,874.47	\$0.00	\$1,709,874.47
Less Commitments: (-)	\$25,778.17	\$0.00	\$25,778.17
Funds Available Balance:	\$232,074.52	\$0.00	\$232,074.52

BILLING ACTIVITY (096X3122):	
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Bill Number: 27073251	
Funds Expended During Report Period:	\$162,742.07
Total Billed to Date:	\$10,132,272.84
DIRECT FUND CITE PAYMENTS:	
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Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ  
IA Number: DW96942125

Bill Number: 27073251  
Bill Invoice Date: 01-JUN-2015

Monthly Billing Amount(096X3122): \$162,742.07

Monthly Direct Fund Cite Contract Cost(068X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$3,253.53	\$199,624.53	\$202,878.06
b Fringe Benefits	\$1,843.24	\$108,354.31	\$110,197.55
c Travel	\$0.00	\$23,875.96	\$23,875.96
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$154,370.34	\$9,258,817.24	\$9,413,187.58
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$186,304.69	\$186,304.69
i Total Direct Charges	\$159,467.11	\$9,776,976.73	\$9,936,443.84
j Total Indirect Charges	\$3,274.96	\$192,554.04	\$195,829.00
k TOTAL	\$162,742.07	\$9,969,530.77	\$10,132,272.84

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	4.00	\$424.90
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	55.50	\$7,402.93
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00	\$133.34

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## Progress Report for EPA Region II

<b>Site:</b>	<b>Diamond Alkali, Lower Passaic River (Extended Study):</b> RI/FS Oversight, New Jersey		<b>Phase:</b>	<b>RI/FS, OU4</b>	
<b>Bill No.:</b>	<b>Partial #96</b> <b>27073251</b>	<b>IAG No.:</b> <b>NWK</b>	<b>IAG: DW96942125/BZ761</b> <b>IAG Award Date: 8/31/07</b>	<b>IAG Expiration Date:</b> <b>3/31/18</b>	<b>Other Corps</b> <b>P2 #147757/FWI 96B4B2</b> <b>OWI 85F343/5L3H49</b>
<b>Reporting Period:</b>	<b>From:</b> <b>May 1, 2015</b>	<b>To:</b> <b>June 1, 2015</b>	<b>EPA RPM</b> <b>Stephanie Vaughn</b>		<b>USACE PM</b> <b>Elizabeth Franklin</b>
<b>Work Performed</b>					

<b>Work Performed</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> On 12 and 28 May 2015, participated in project progress conference calls with EPA/COE/CDM/LBG/HDR/BAT.</li> <li><input type="checkbox"/> Funding. No funding received during the reporting period.</li> <li><input type="checkbox"/> Invoices. TO 0005. <ul style="list-style-type: none"> <li><input type="checkbox"/> On 15 May 15, reviewed and approved CDM Invoice #35, totaling \$150,254, for period 1 Mar – 4 Apr 15.</li> <li><input type="checkbox"/> On 13 May 15, reviewed and approved LBG Invoice #40, totaling \$4,116.34, for period 21 Feb – 27 Mar 15. Invoice for work conducted by John Kern.</li> </ul> </li> <li><input type="checkbox"/> Team Calls. On 4, 11, 18, 27 May and 1 June 15, participated in weekly manager's call. RM 10.9 field updates and ongoing efforts were discussed during each call.</li> <li><input type="checkbox"/> CDM Task Order 0005; Contract Mod 7 <ul style="list-style-type: none"> <li><input type="checkbox"/> On 29 Apr 15, provided early funding planning to S. Vaughn.</li> <li><input type="checkbox"/> On 14 May 15, communicated with CDM regarding documents required for contract modification package.</li> <li><input type="checkbox"/> On 15 May 15, preparation completed and government estimates submitted for WVN 11, 12 and 13 to internal peer reviewer.</li> <li><input type="checkbox"/> On 18 May 15, received draft funding modification documents from CDM.</li> <li><input type="checkbox"/> From 19-30 May 15, coordinated and discussed comments with CDM and received revised documents with changes.</li> <li><input type="checkbox"/> On 19 May 15, prepared and submitted government estimate for WVN 15 to internal peer reviewer. Note WVN 14 did not require government estimate.</li> <li><input type="checkbox"/> On 29 May 15, had conference call with CDM regarding funding modification.</li> <li><input type="checkbox"/> On 30 May 15, redistributed WVN 16 with a minor correction in the files.</li> </ul> </li> <li><input type="checkbox"/> Team Personnel/Meetings. <ul style="list-style-type: none"> <li><input type="checkbox"/> From 8 – 15 May 15, multiple conversations regarding personnel and reviewers were held with internal management, EPA and CDM.</li> <li><input type="checkbox"/> During week of 11 May 15, several discussions held with CDM regarding communication procedures on project actions and status.</li> <li><input type="checkbox"/> On 28 May 15, provided comments regarding inconsistencies in the CDM April 2015 progress report. Noted to CDM use of a checklist would be beneficial to review the PR's and perform QC check prior to submittal.</li> </ul> </li> <li><input type="checkbox"/> On 5 May 15, participated in conference call regarding status on all documents currently in review.</li> <li><input type="checkbox"/> On 6 May 15, participated in conference call to discuss HHRA comments.</li> <li><input type="checkbox"/> On 8 May 15, participated in conference call regarding the BAZ.</li> <li><input type="checkbox"/> On 20 May 15, participated in conference call regarding the COPC technical paper.</li> <li><input type="checkbox"/> RI Review. Corresponded with CDM numerous times regarding status of RI review. CDM developed tracking table for review progress and this was updated and discussed in conference calls regarding status.</li> <li><input type="checkbox"/> Schedule. <ul style="list-style-type: none"> <li><input type="checkbox"/> CDM current deliverable table is dated 1 May 15.</li> <li><input type="checkbox"/> CPG current schedule is dated 23 May 14.</li> </ul> </li> <li><input type="checkbox"/> Preparation of Progress Report and Project Expenditure spreadsheet.</li> </ul>
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## Progress Report for EPA Region II

**Key Contract Milestones  
Completed to Date**

- ☐ **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
  - ☐ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
  - ☐ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
- ☐ **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
  - ☐ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
  - ☐ 5 Mar 09 – Modification 0001 was awarded for \$69,772.
  - ☐ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
  - ☐ 3 Aug 09 – Modification 0003 was awarded for \$378,843.
  - ☐ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
  - ☐ 1 Sep 09, Mod 5 (admin in nature) was signed.
  - ☐ 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
  - ☐ 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
  - ☐ 28 Dec 10, Mod 8 was awarded, totaling \$54,473.
- ☐ **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
  - ☐ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
  - ☐ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
  - ☐ 25 Aug 09; Mod 2 (admin in nature) was signed.
  - ☐ 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
  - ☐ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
  - ☐ 14 May 10; Mod 8 was awarded, totaling \$140,000.
  - ☐ 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
  - ☐ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
  - ☐ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
  - ☐ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975).
  - ☐ 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
- ☐ **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
  - ☐ 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
  - ☐ 24 Jan 12 – Mod 1 (admin in nature) was signed.
  - ☐ 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
  - ☐ 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
  - ☐ 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.
  - ☐ 14 Feb 14 – Mod 5 was awarded, totaling \$900,000.
  - ☐ 4 Feb 15 – Mod 6 was awarded, totaling \$1,100,000.
- ☐ **LBG Task Order 0001; Contract W912DQ-11-D-3009, Expiration Date – 17 Nov 2016**
  - ☐ 26 Nov 13 – Mod 7 was awarded, IA funds totaling \$11,522 (for Kern Statistical).
  - ☐ 9 May 14 - Mod 9 was awarded, IA funding totaling \$64,533 (for Kern Statistical and RM 10.9 sample storage).

## Progress Report for EPA Region II

<p><b>Contractor Actions/ Accomplishments</b></p>	<p><b>CDM</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, and participated in team meetings and conference calls. Continued evaluation of budget for remainder of calendar year 2015. Draft ATP documents were submitted for review. Public meeting support continued with preparation of maps and figures. Invoices and subcontract management occurred. Additional information may be found in the CDM Progress Report covering period May 3 - 30, 2015 (revised progress report dated July 22, 2015).</li> <li><input type="checkbox"/> River Mile 10.9 Water Main Survey             <ul style="list-style-type: none"> <li>o Shipping charges during this reporting period.</li> </ul> </li> <li><input type="checkbox"/> River Mile 10.9 Removal Action Oversight.             <ul style="list-style-type: none"> <li>o On 13 May 15, review was complete and memorandum submitted regarding review of the CPG's Field Activity Results Summary; LPR River Mile 10.9 Initial Reconnaissance; April 20 and 21, 2015.</li> </ul> </li> <li><input type="checkbox"/> CDM Fieldwork Oversight.</li> <li><input type="checkbox"/> CDM Oversight Reporting.             <ul style="list-style-type: none"> <li>o On 2 Apr 15, submitted comments on the CPG's RTC and revised Low Resolution Coring Supplemental Sampling Program Characterization Summary, LPRSA RI/FS.</li> </ul> </li> <li><input type="checkbox"/> CDM Data Manager/Website/Digital Library.             <ul style="list-style-type: none"> <li>o Provided data management support to EPA, team members and partner agencies.</li> <li>o Conference call held with Great Lakes Environmental (PVSC contractor) regarding methods to export dataset from Microsoft Access for transmittal to PVSC.</li> <li>o Review completed and incorporated into the Draft RI Review Comments regarding database comparison against information cited in the Draft RI Report.</li> <li>o Continued website support as requested.</li> </ul> </li> <li><input type="checkbox"/> CSO/SWO Sampling Oversight             <ul style="list-style-type: none"> <li>o No activity this reporting period.</li> </ul> </li> <li><input type="checkbox"/> Modeling (HDR).             <ul style="list-style-type: none"> <li>o Participated in numerous conference calls and meetings as noted in the CDM Progress Report.</li> <li>o Several ongoing reviews continue with specific details noted in the CDM progress report.</li> <li>o Continue to await revisions to the CPG sedtran model calibration and projection runs for review.</li> <li>o Review ongoing for the carbon simplification model code and related correspondence. Awaiting further documentation from the CPG.</li> <li>o Continued to review the contaminant model code and model outputs. Continue to generate figures to assist in model review and examine trends.</li> <li>o Continued to provide support regarding the COPC mapping approach and review/input to J. Kern technical paper.</li> <li>o Continued to review the bioaccumulation model exposure inputs and compare to contaminant model outputs.</li> <li>o Continue to review the BAZ information presented by the CPG and participate in coordination and preparation of analysis regarding this issue.</li> </ul> </li> <li><input type="checkbox"/> CPG Risk Assessment.             <ul style="list-style-type: none"> <li>o Participation in conference calls regarding the depth of exposure issue.</li> <li>o Continued to have working technical conference calls to refine and combine comments on the CPG's Draft Baseline Human Health Risk Assessment.</li> <li>o Performed sediment concentration statistical analysis to identify potential outliers in various reference location data sets. Working draft of this analysis was submitted for review.</li> </ul> </li> <li><input type="checkbox"/> RI/FS Documents             <ul style="list-style-type: none"> <li>o Review continued by the entire CDM team of the CPG's Draft LPRSA RI/FS Remedial Investigation Report, dated February 2015.</li> <li>o Internal team coordination and meetings held regarding review of the RI/FS Report.</li> <li>o On 29 May 15, comments on the CPG's Draft LPRSA RI/FS Remedial Investigation Report were submitted, along with QC checklist.</li> <li>o Supplemental RI comment documentation is planned for submission in the next reporting period.</li> <li>o Continued review of the CPG Draft FS Alternatives Screening Technical Memorandum and Remedial Alternatives Evaluation Technical Memorandum (received 21 and 24 Apr 15 respectively).</li> <li>o Continued review of the CPG FS Report (received on 30 Apr 15).</li> <li>o More detail contained in the CDM Progress Report.</li> </ul> </li> </ul>
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## Progress Report for EPA Region II

	<input type="checkbox"/> Data Evaluation. <ul style="list-style-type: none"> <li>Conference calls regarding COPC mapping and submission of draft COPC mapping white paper during the reporting period.</li> <li>Anticipate completion of the white paper and hold meeting with CPG during the next reporting period.</li> <li>Completed and updated table relating average sediment concentrations to tissue concentrations by river mile.</li> <li>Continued coordination regarding 2-cm biologically active zone.</li> <li>More detail contained in the CDM Progress Report.</li> </ul> <input type="checkbox"/> 17 Mile Schedules. <ul style="list-style-type: none"> <li>CDM current deliverable table is dated 1 May 15.</li> <li>CPG current schedule is dated 25 May 14.</li> </ul>
<b>Meetings</b>	<ul style="list-style-type: none"> <li>Continuation of internal team calls and additional coordination meetings/conference calls with CPG.</li> </ul>
<b>Key Milestones</b>	<ul style="list-style-type: none"> <li>As noted in the schedules and/or verbal updates.</li> </ul>
<b>Issues</b>	
<b>Technical:</b>	<ul style="list-style-type: none"> <li>Issues are worked in an ongoing basis as discussions held between the EPA and CPG.</li> </ul>
<b>Schedule</b>	<ul style="list-style-type: none"> <li>EPA discusses schedule items with the CPG as needed.</li> </ul>
<b>Funding:</b>	<ul style="list-style-type: none"> <li>None at this time.</li> </ul>

IAG Summary: Technical Assistance Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/13	-	-	\$10,000,000
900,000	0	0	2/7/14	-	-	\$10,900,000
1,200,000	0	0	11/21/14	-	-	\$12,100,000

## Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
<b>MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07</b>	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
<b>MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09</b>	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 <sup>Note 1</sup>	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
<b>CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)</b>	<b>\$160,000.00</b>	<b>\$0.00</b>	<b>\$160,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 <sup>Note 2</sup>	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 <sup>Note 3</sup>	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 <sup>Note 4</sup>	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 <sup>Note 5</sup>	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 <sup>Note 6</sup>	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00



## Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
<b>CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11</b>	<b>\$770,000.00</b>	<b>\$0.00</b>	<b>\$770,000.00</b>	<b>\$0.00</b>
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$0.00	\$1,500,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$0.00	\$1,200,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$150,254.00	\$397,207.00	\$502,793.00
CDM: Contract W912DQ-11-D-3009; Task Order 0005/Mod 6; awarded 4 Feb 15	\$1,100,000.00	\$0.00	\$0.00	\$1,100,000.00
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 26 Nov 13</b>	<b>\$11,522.00</b>	<b>\$0.00</b>	<b>\$11,522.00</b>	<b>\$0.00</b>
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 9; awarded 8 May 14</b>	<b>\$64,533.00</b>	<b>\$4,116.34</b>	<b>\$21,998.20</b>	<b>\$42,534.80</b>
<b>LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 11; award pending</b>	<b>\$46,050.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g + \$2,491 on Page 2 IAG)</b>	<b>\$11,159,640.00</b>	<b>\$154,370.34</b>	<b>\$9,413,187.58</b>	<b>\$1,700,402.42</b>
Kansas City Corps In-House Labor/Travel - 17 Mile	\$745,898.23	\$8,338.14	\$501,423.75	\$213,102.69
Kansas City Corps In-House Labor/Travel - RM 10.9		\$33.59	\$26,857.47	
Kansas City Corps In-House Labor/Travel - Tierra Pipeline Survey		\$0.00	\$2,115.01	
Kansas City Corps In-House Labor/Travel - CSO/SWO*		\$0.00	\$2,399.31	
Superfund M&S Fee - 17 Mile (no longer used)	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9 (no longer used)		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$6,865.56	\$5,134.44
<b>Subtotal - Summary of Labor/M&amp;S Fee</b>	<b>\$940,360.00</b>	<b>\$8,371.73</b>	<b>\$719,085.26</b>	<b>\$221,274.74</b>
<b>Grand Total - Contract/Corps</b>	<b>\$12,100,000.00</b>	<b>\$162,742.07</b>	<b>\$10,132,272.84</b>	<b>\$1,921,677.16</b>

\* In September 2014 reporting period; the labor cost to date was incorporated into this tracking table. A total of \$2,300 to date has been incurred and future costs will be tracked in this table.

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

Contract funding available includes a bit of technical assistance labor funding; shift approved by EPA.

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**Progress Report for EPA Region II**

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**IAG Scope of Work Summary (block 13 of IAG)**

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

**Project Delivery Team**

<i>Name</i>	<i>Contact Information</i>	<i>Responsibility</i>
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3827	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Irvin Gray	(816) 389-3146	Attorney
Julia Kissner	(816) 389-3874	COR

Prepared by: Elizabeth Franklin  
Project Manager  
29 July 2015

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:  
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Individual -----	Location -----	Function -----	Hours -----	Labor Amount -----
ROBERT M PENDER, JR	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	3.00 -----	\$410.56 -----
TOTAL LABOR:			63.50	\$8,371.73

FOR OFFICIAL USE ONLY (FOUO)

## PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and Superfund Site  
Project: Task Order 6424.005 CPG Oversight  
Prepared by: David A. Marabello  
Representing: CDM Federal Programs Corporation (CDM Smith)  
Date: November 24, 2015 (revised December 4, 2015)  
Reporting Period: March 1, 2015 to April 4, 2015

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this reporting period:

### **WAD 1, Work Order (WO) 1 – Project Management and Administration**

#### 1.1.1 Project Management

- CDM Smith performed project management including review of staffing, budgetary planning and financial monitoring.
- CDM Smith performed additional financial maintenance to incorporate the additional funding actions of Modification 6.
- CDM Smith reviewed historical proposal documents, including the recent ATP 15 basis of estimate and budget, to clarify scope and assumptions for Modeling Oversight & Communication and for RI/FS document reviews as part of the funding forecast effort. CDM Smith project manager worked with staff to develop an understanding of prior basis of estimate documentation and cost allocations in ATP 15.
- CDM Smith discussed scope and costs with USACE for proposed WVN 15 to cover items not included in the approved 2015 proposal and to re-allocate previously approved funding.
- On March 27, 2015, CDM Smith completed and submitted WVN 15 (including a basis of estimate, cost tables and a chronology) to USACE for approval.
- On April 3, 2015, CDM Smith received the approved WVN 15.
- FedEx shipping charges for distributing project related documents to the CDM Smith project manager and for submittal of CDM Smith invoices to USACE have been invoiced during this reporting period.
- Travel charges related to client meetings in New York City incurred on February 11, 2015 have been invoiced during this reporting period.

#### 1.1.2 Project Support Documentation & Administration

- CDM Smith completed all revisions and submitted the final progress report for the months of April 2014 through December 2014 to USACE and EPA within this reporting period.
- CDM Smith completed the January 2015 monthly progress report, including incorporation of suggested revisions by USACE to the progress report text and monthly cost table to match changes made in the December 2014 report. On March 30, 2015, the report was submitted to USACE and EPA.
- CDM Smith initiated work on the February 2015 monthly progress report and monthly cost report, including incorporation of changes made in the January 2015 report.

- CDM Smith finalized and submitted both the January 2015 and the February 2015 invoices during this reporting period.

#### 1.1.3 Subcontract Administration

- CDM Smith performed subcontract management to obtain consent of funding for HDR, including preparation of subcontract modification package documentation. On March 27, 2015, CDM Smith submitted the final consent package to USACE which was inclusive of HDR subcontract Modification 11 and Modification 12 which were prepared during this reporting period.
- CDM Smith prepared HDR funding Modification 7 to reallocate existing funding and Modification 8 to increase funding capacity during this reporting period.
- On March 20, 2105, CDM Smith held a meeting with HDR to develop improved lines of communications and expectations in regard to monthly progress reporting efforts and to develop appropriate funding level for the above modifications.
- CDM Smith processed subcontractor invoices for HDR Engineering, Inc.
- CDM Smith processed a subcontractor invoice for Senior Technical Advisor Dr. Prezant.
- CDM Smith processed a subcontractor invoice for Warren Pinnacle Consulting, Inc.

#### 1.1.4 Project Communication

- On March 3, 16, and 31, 2015, CDM Smith updated agendas and participated in biweekly conference calls with USACE, EPA, LBG, HDR and Battelle.
- On March 2, 9, 16, 23, and 30, 2015, CDM Smith prepared for and participated in weekly project status calls with USACE and EPA.
- Travel charges related to client meetings in New York City incurred on January 29, 2015 have been invoiced during this reporting period.

### **WAD 1, WO 2 – Community Relations/Public Website**

#### 1.2.1 Public Meeting Support

- CDM Smith began planning efforts and started initial work on contaminant distribution figure development to support EPA's meeting with the Passaic River Community Action Group (CAG) and a Wallington High School group. The CAG meeting is scheduled for mid-May 2015.

#### 1.2.2 Fact Sheets

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

#### 1.2.3 Public Website

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

#### 1.2.4 Community Involvement Plan

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

## **WAD 1, WO 3 – Senior Technical Advisors**

### **1.3.1 Senior Technical Advisor**

- Warren Pinnacle Consulting, Inc. (Jonathan Clough) support included examination of the bioaccumulation model approach updates and review of depth of exposure technical data, in regard to the model. He participated in several calls in regard to the above and prepared email correspondence to the team. He attend a day-long meeting at EPA in regard to the above. He prepared and submitted an invoice for the same.
- Dr. Robert Prezant's support included review of Passaic River benthos organisms and preparation of an infaunal depth analysis. He participated in calls in regard to the above and prepared email correspondence to the team. He prepared and submitted an invoice for the same.
- Funding for this WO is \$96,000 through WVN 14/ ATP 15 approved on February 4, 2015.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	\$6,400	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
2	Flood	\$6,000	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
3	Di Toro	\$0	\$0	\$0	\$0	EPA/USACE placed subcontract on hold
4	Clough	\$36,457	\$21,457	\$5,164	\$8,544	Subcontract in place. POP to expire 11/30/2016
5	Prezant	\$13,600	\$7,590	\$1,402	\$7,178	Subcontract in place. POP to expire 11/30/2016
Total		\$62,457	\$29,047	\$6,566	\$15,722	

\*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

## **WAD 1, WO 4 – Technical Support**

### **1.4.1 Technical Support**

- No activity.

## **WAD 2, WO 2 - Work Planning: Oversight & Communication**

### **2.2.1 Technical Communication**

- No activity.

### **2.2.2 CPG Planning Documents Review**

- No activity.

### **2.2.3 TSI RM 10.9 Water Main Survey Oversight**

- Travel charges related to field oversight activities incurred from January 22, 2015 through January 25, 2015 have been invoiced during this reporting period.

## **WAD 2, WO 3 – Field Work Sampling Oversight**

### **2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)**

- No activity.

### **2.3.2 Water Column, Chemical Data Oversight**

- No activity.

### **2.3.3 RM 10.9 Oversight**

- Work element closed. See WAD 2 WO 7 for RM 10.9 oversight work.

### **2.3.4 LRC Supplemental Sampling Oversight**

- No activity.

### **2.3.5 Porewater Sampling Oversight**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **2.3.6 Background Sampling Oversight**

- No activity.

### **2.3.7 LRC SSP2 Oversight**

- No activity.

## **WAD 2, WO 4 – Report/Products: Oversight and Communications**

### **2.4.1 CPG Report Review**

- CDM Smith completed review of the CPG's response to comments and revised *Low Resolution Coring Supplemental Sampling Program Characterization Summary, LPRSA RI/FS*, dated March 26, 2015. On April 2, 2015, the technical review comment memorandum was delivered to USACE and EPA.
- CDM Smith updated the LPRSA document tracking table. On March 30, 2015, the tracking table was forwarded to USACE and EPA via email.

## **WAD 2, WO 5 – Data Manager**

### **2.5.1 Data Manager (Data/Information Transfer)**

- CDM Smith provided data management support including responding to inquiries from the Lower Passaic River project team.
- CDM Smith completed modification of the dataset by creating method analyte groups to improve data retrieval and reporting functionality.
- CDM Smith continued to investigate methods to export a complete dataset of environmental samples from the database into a Microsoft Access format for transmittal to the Passaic Valley Sewerage Commissioners (PVSC). A conference call with the PVSC is being planned based upon their schedule to better understand their data requirements to limit the size of the exported file.

### **2.5.2 Database and Website Management**

- CDM Smith provided ongoing webpage support and Enterprise interface support.

- CDM Smith continued to provide webpage management support by updating pages and announcements at the direction of USACE and EPA.

## **WAD 2, WO 6 – CSO/SWO Sampling Oversight**

### **2.6.1 Planning Documents Review**

- CDM Smith received Tierra Solutions Inc.'s (TSI) electronic data file for the Phase I CSO/SWO investigation. The data file was processed and loaded into the Passaic River database.
- CDM Smith initiated review of TSI's *Combined Sewer Overflow/Stormwater Outfall Investigation Phase I Evaluation/Recommendation Report –Revision 0*, dated October 2014, which had been suspended, while awaiting receipt of the electronic data file noted above.

### **2.6.2 CDM Work Plan Preparation**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

### **2.6.3 Laboratory Analysis and Coordination**

- No activity.

### **2.6.4 Field Oversight and Collection of Split Samples**

- No activity.

### **2.6.5 Split Sample Comparison Report**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

## **WAD 2, WO 7 – RM 10.9 Removal Action Oversight**

### **2.7.1 Report Review/Technical Support**

- On March 31, 2015, CDM Smith participated in a planning call with USACE and EPA to discuss CPG's long term monitoring plan (LTMP).
- On April 1, 2015, CDM Smith participated in a conference call with USACE, EPA and CPG to discuss CDM Smith review comments on the CPG's LTMP.
- CDM Smith organized several digital photograph and video files from the RM 10.9 field efforts.
- HDR provided input to the discussions of CPG's River Mile 10.9 LTMP and submitted an invoice.

### **2.7.2 Remedial Action Oversight**

- No activity.

### **2.7.3 Sampling and Analyses**

- No activity.

## **WAD 3, WO 1 - Modeling Support**

- Project Management & Support
  - HDR prepared their monthly invoice and write up.



- HDR performed contract maintenance to set up funding changes provided in Task Order 3, Modification 7.
  - On March 16, 2015 and March 27, 2015, HDR participated in discussions with CDM Smith regarding funding projections.
- Biweekly Conference Calls
  - No activity.
- Project Review Conference Calls & Modeling Meetings
  - No activity.
- Transfer of Model Codes/Support
  - No activity.
- Field Oversight
  - No activity.
- Modeling Oversight
  - Ongoing review of CPG sedtran model
    - HDR generated figures comparing:
      - CPG computed water column TSS profiles to ADCP data.
    - HDR continued to review the CPG results to be presented as written comments for submission to the CPG and presentation to the project team.
    - HDR is awaiting revisions to the CPG sediment transport calibration as well as projection runs for review.
  - Ongoing review of CPG carbon model
    - HDR ran the CPG carbon model and verified reproducibility of results for two model years.
    - On March 3, 2015, HDR received missing inputs and pre/post-processing tools.
    - HDR continued the review of the CPG results to be presented as written comments for submission to the CPG and presentation to the project team.
    - HDR is awaiting further documentation from the CPG on comments about carbon model “upscaling” of resuspension due to active layer thickness. Testing suggests that this should not be an issue.
    - HDR is awaiting revisions to the CPG carbon model calibration as well as projection runs for review.
  - Ongoing review of CPG contaminant model
    - HDR review of CPG mapping approach
      - HDR generated figures and analyses to investigate CPG claims about bathymetric change and the ability to predict concentration in unmeasured areas.
      - On March 11, 2015, HDR, CDM Smith, USACE and EPA met with the CPG to discuss their contaminant mapping approach. This effort included analysis of the CPG’s bed mapping approach as well as alternative approaches, and preparation of presentation materials for discussion during the meeting.
      - On March 4 and March 6, 2015, HDR participated in internal team calls with CDM Smith and John Kern to discuss the CPG’s bed mapping approach and alternatives.
      - On March 18, 2015, CDM Smith, EPA, USACE and HDR participated in a conference call to discuss biological depth of exposure zone and biologically active zone as it relates to the CPG’s biotransformation model.

- HDR examined the timing of various sampling events relative to the Passaic River hydrograph to inform review of contaminant data model comparisons.
- HDR continued review of CPG contaminant code changes and compared CPG code to code provided by EPA.
- HDR generated additional figures to look at CPG model results to investigate model computed time trends, longitudinal trends, lateral trends and trends with depth in the water column and into the sediment, as well as comparisons to 17 Mile RI data.
- On March 10, 2015, HDR prepared for and participated in a call with USACE, EPA and CDM Smith to discuss CPG calibration target chemicals.
- HDR began to run the CPG contaminant model in order to attempt to reproduce the provided outputs. The model run failed but after investigating the cause it was determined to be a hard drive issue. This issue has been resolved and the testing has been resumed.
- HDR continued the review of the CPG's results to be presented as written comments for submission to the CPG and presentation to the project team.
- HDR is awaiting revisions to the CPG contaminant model calibration for the chemicals provided, the calibration for additional chemicals to be agreed upon with the CPG, as well as projection runs for review.
- Ongoing review of CPG bioaccumulation model
  - On March 3, 2015, HDR received the requested input processors.
  - HDR continued to review the CPG's exposure inputs and compared to contaminant model outputs.
  - HDR continued to review the portions of the CPG bioaccumulation model delivered to date. Findings to be presented as written comments for submission to the CPG and presentation to the project team.
  - HDR reviewed a memo from Jonathan Clough received March 9, 2015 regarding biotransformation rates in the CPG steady state bioaccumulation model. On March 18, 2015, HDR participated in a conference call with USACE, EPA, CDM Smith and Battelle to discuss his results.
  - HDR continued to review and investigate the 2-cm, biologically active zone (BAZ) and biological exposure zone (BEZ) information presented by the CPG.
    - Reviewed literature relative to the BAZ and BEZ to support EPA in response to the CPG's 2-cm exposure depth presentation.
    - HDR reviewed and plotted CPG model outputs for the various exposure concentrations including 2-cm and deeper sediment depths.
    - Worked with CDM Smith and Battelle to develop a list of analyses targeted at addressing specific points presented by the CPG during their February 6, 2015 meeting on the depth of exposure.
- USACE/EPA Support
  - No activity.

### **WAD 3, WO 2 - Modeling Collaboration with CPG**

- Project Management and Support
  - HDR prepared their monthly invoice and write up.
- Weekly Conference Calls/Monthly Technical Meetings
  - No activity.

- Identification of Model Differences
  - HDR checked the datasets on their servers, identified the raw vessel mounted ADCP data from the PWCM program, and verified that it was the same dataset as Moffat and Nichol was working with.
- Data Action/Model Action Items
  - No activity.
- Communication with USACE/EPA Project Team
  - On March 3, 16 and 31, 2015, HDR attended biweekly calls with CDM Smith, USACE, EPA, LBG and Battelle.
  - On March 2, 9, 16, 23 and 30, 2015, HDR attended weekly status calls with USACE, EPA and CDM Smith.
  - On March 2, 2015, HDR participated in call with the USACE, EPA and CDM Smith to discuss the review of the CPG's *Draft LPRSA RI/FS Remedial Investigation Report*.
  - On March 16, 2015, HDR participated in an internal call with CDM Smith to discuss progress on the review of the CPG's *Draft LPRSA RI/FS Remedial Investigation Report*.
  - On March 20, 2015, HDR met with CDM Smith to discuss CDM project transition, communications and progress reporting going forward.

#### **WAD 4, WO 1 – White Paper Review and Communication**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

#### **WAD 4, WO 2 – Review/Coordinate FFS Risk Assessment**

- No activity. No cost has been incurred under this WE to date; therefore, there is no invoice sheet for this WE.

#### **WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment**

- On March 18, 2015, CDM Smith risk assessors attended a conference call with USACE, EPA and HDR to discuss the depth of exposure technical issues as it relates to the CPG's biotransformation model.
- CDM Smith risk assessors continued their review of the CPG's *Draft LPRSA RI/FS Remedial Investigation Report*, dated February 2015.

#### **WAD 5, WO 1 – RI/FS Documents**

- On March 4 and 6, 2015, members of CDM Smith's RI review team attended conference calls with USACE, EPA and HDR to discuss the CPG's CoPC mapping approach.
- CDM Smith's RI review team continued their review of the CPG's *Draft LPRSA RI/FS Remedial Investigation Report*, dated February 2015.
- CDM Smith held internal RI review team coordination discussions twice throughout the month to align the team's focus and foster communications on major review observations.
- CDM Smith prepared edits and updates to the RI Review tracking table as requested by USACE and EPA for distribution to USACE, EPA and the review team.

- In support of ongoing review of the 2-cm depth of exposure technical issue, CDM Smith prepared a table correlating the average sediment concentration with average fish tissue contamination by river mile. On April 1, 2015, the table was forwarded to USACE, EPA and HDR via email.
- CDM Smith reviewed and began adding information to a table created by HDR titled *CPG's Justification of 2-cm Exposure Depth Based on Benthic Biota*. The table updates will be completed in early April.
- Travel charges related to attendance at the March 11, 2015 CoPC mapping meeting at EPA offices in New York City have been invoiced in this reporting period.

#### **WAD 5, WO 2 – Data Evaluation**

- No CDM Smith labor activity. However, Dr. Kern performed evaluations of the CPG mapping methods and prepared for and attended a meeting with the CPG to discuss the COPC mapping. He also initiated review of COPC mapping issues presented in CPG's *Draft LPRSA RI/FS Remedial Investigation Report*.

#### **2. Upcoming Events/Activities Planned – CDM Smith will continue working on the following activities:**

- Participate in biweekly calls and weekly status calls.
- Review CPG and TSI documents when received.
- Continue database management, data uploads, data review and data set extraction as needed to support RI review.
- Review analytical data and phase 1 evaluation/recommendations report received from CSO/SWO investigation.
- Continue to formulate data presentation plans and evaluation of uncertainty in CoPC mapping.
- Review the RAO/PRG technical memorandum received on March 27, 2015.
- Prepare for and participate in follow-up technical meeting with CPG to discuss CoPC mapping interpolation.
- Prepare for and participate in follow-up technical meeting with CPG to discuss 2-cm depth of exposure issue.
- Continue review of Draft RI documents.
- Prepare for the anticipated receipt of the FS report documents.

#### **3. Key Staffing Changes – None.**

#### **4. Budget – See attached cost spreadsheet for negotiated budget, funded amount and expenditure details.**

#### **5. Deliverables Submitted**

*(The full list of references prior to 2013 can be found in the April 2014 or earlier monthly reports. The full list of deliverables submitted from January 3, 2013 through December 27, 2013 can be found in the December 2014 monthly report.)*

Title	Date Submitted
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014

<b>Title</b>	<b>Date Submitted</b>
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014
Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10, dated January 31, 2014	February 4, 2014
Meeting Minutes for February 6, 2014 RI/FS Meeting	February 11, 2014
Submitted comments on CPG LRC Supplemental Sampling Program Characterization Summary	March 3, 2014
Submitted comments on CPG Draft Dissolved Oxygen Monitoring Program Data Report, dated Sept. 3, 2014	March 21, 2014
Submitted comments on TSI's Passaic River RM 10.9 Pipeline Survey: Statement of Work	March 21, 2014
Submitted comments on CPG Draft SV CWCM Sampling Program Characterization Summary, dated Feb. 2014	April 1, 2014
2011-2013 Chemical Water Column Monitoring, Small Volume Split Sample Data Comparison	April 14, 2014
Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey	April 22, 2014
Submitted comments on CPG Draft HV CWCM Sampling Program Characterization Summary, dated Feb. 2014	May 15, 2014
Submitted comments on TSI RM 10.9 Piping Geophysical Surveys: Parametric Echosounder and Ground Penetrating Radar SOW, QAPP and HASP	May 20, 2014
Submitted comments on Passaic River RM 10.9 Final Armor Layer Survey Technical Memorandum	May 20, 2014
Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey, Technical Memorandum	June 5, 2014
2013 High Volume Chemical Water Column Split Sample Data Comparison for the Lower Passaic River Study Area	June 17, 2014
Compiled the CSM comments and submitted to EPA	July 3, 2014
Submitted BHHRA review comments	July 18, 2014
Forwarded comments on PWCM report	July 24, 2014
Submitted revised BHHRA review comments	July 25, 2014
Submitted compiled comments (incorporating NJDEP comments) on 2012 Background/Reference Sediment Chemistry Data Report	July 30, 2014
Submitted revised CSM comments (incorporating HDR comments)	August 1, 2014
Submitted additional BHHRA review comments	August 1, 2014
Submitted BERA review comments	August 8, 2014
Submitted RM 10.9 RA oversight summary report	August 15, 2014
Submitted comments on final Data Usability and Data Evaluation Plan for Risk Assessment (reviewed NJDEP comments and emailed evaluation)	August 19, 2014
Submitted comments on Appendix G of the BHHRA	August 21, 2014

<b>Title</b>	<b>Date Submitted</b>
Submitted Review of CPG's Response to Comments and Additional Comments on the Feasibility Study Work Plan, LPRSA RI/FS, Revision 3	August 29, 2014
Submitted Compiled Comments on the CPG Draft Baseline Human Health Risk Assessment Report	September 4, 2014
Submitted comments on the CPG River Mile 10.9 Removal Action Final Construction Report	September 24, 2014
Submitted lessons learned during RM 10.9 dredging and capping activities	September 25, 2014
Submitted 2012 Background Tissue Split Sampling Data Comparison for the Lower Passaic River Study Area	October 13, 2014
Submitted additional comments on Appendix G of the CPG Draft Baseline Human Health Risk Assessment Report	October 16, 2014
Submitted comments on TSI Quality Assurance Project Plan for River Mile 10.9 Pipeline Probing Survey, Revision 0	October 22, 2014
Submitted Second Supplemental Sampling Program Split Sample Data Comparison for the Lower Passaic River Study Area	October 31, 2014
Submitted RM 10.9 Post Armor Stone Relocation Photo Log	November 6, 2014
Submitted Summary of Technical Areas of Disagreement with CPG Memorandum	November 12, 2014
Submitted comments on CPG's LRC Supplemental Sampling Program Addendum Second SSP Characterization Summary	November 14, 2014
Submitted comments on CPG's Response to Comments and Revised Feasibility Study Work Plan	January 19, 2015
Submitted revised comments on CPG's LRC Supplemental Sampling Program Addendum Second SSP Characterization Summary	January 29, 2015
Submitted comments on CPG's Response to Comments and revised LRC Supplemental Sampling Program Characterization Summary	January 29, 2015
Submitted comments on CPG's Response to Comments and revised Small Volume CWCM Sampling Program Characterization Summary	February 2, 2015
Submitted comments on CPG's Response to Comments and revised High Volume CWCM Sampling Program Characterization Summary	February 10, 2015
Submitted compiled CDM Smith, EPA, NJDEP and NOAA BERA comments table via email	February 13, 2015
Submitted comments on the select worksheets and figures for CPG's long term monitoring plan	February 23, 2015
Submitted comments on CPG's response to comments and revised Low Resolution Coring Supplemental Sampling Program Characterization Summary, LPRSA RI/FS	April 2, 2015